

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** October 18, 2006

**Inspector:** Lee Curtis, Susan Infalt, BSC Group

**Location:** Transition Stations: Hoyts Hill, Archers Lane, Norwalk Junction

**Storm/**

**Rain Event:** Reports range from 0.70-1.34" of rain recorded since the previous inspection, depending on location. (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways	- <b>Hoyts Hill:</b> Access is gained off Hoyts Hill Road. Vehicle tracks resulting from a stored piece of equipment were noted in the previously restored area adjacent to the access drive. 10/13-10/18/06.	-Recently seeded and mulched slopes appear stable with grass cover. Repair vehicle tracking if feasible. 10/18/06.	-N/A
	- <b>Archers Lane:</b> Water levels at the wetland crossings on the access road to the ROW appear to remain below problem levels. 10/18/06. - The wetland crossing was back to original grade and some grass growth was noted in the adjacent areas. 10/18/06.	-The area is in good shape. Silt fence will be removed in the future when vegetation begins to establish. 10/18/06. -Waterbars or swales were installed across the road and haybales should be placed at the outlets. 9/29-10/18/06.	-Some grass growth was noted.
	-Slopes remain disturbed along the access road where 345kV trenching occurred and stockpiles remain. 8/16-10/18/06	- AL contractors will likely need to perform restoration when work is complete here. 5/4-10/18/06	- Needs attention when work is complete
	- Crews were installing stone dust base on the access drive off Diamond Hill Road, in preparation	-Continue to monitor until final stabilization is complete in this area. 10/18/06.	-N/A

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways continued	<p>for paving. 10/18/06.</p> <p>- <b>Norwalk Junction:</b> The disturbed area near Rt 7 was being graded and topsoil was spread. See erosion control section for details 10/18/06.</p> <p>- Pervious paver installation was complete off the driveway and adjacent areas were loamed. 10/18/06.</p>	<p>-Continue sweeping the road and driveway while this work occurs. 10/18/06.</p> <p>-Continue to stabilize surrounding areas to reduce the area of disturbance. 10/13/06.</p>	<p>-Needs regular attention but the area looks good</p> <p>-Restoration is underway.</p>
Foundation construction	<p>-At <b>Archers Lane:</b> The yard is now energized. Stone dust base was being installed along the access road. 10/18/06</p> <p>-At <b>Norwalk Junction:</b> The yard is now energized. Some restoration work/grading continues outside the perimeter fence. 10/18/06.</p>	<p>-None. 10/18/06.</p> <p>- See erosion control section. 10/18/06.</p>	<p>-N/A</p> <p>- N/A</p>
Erosion and Sediment Controls	<p>-<b>Hoyts Hill:</b> Vehicle tracks were noticed in the previously restored area adjacent to the access drive this week. 10/18/06.</p> <p>-Landscaping and grass cover is in good shape around the station. All slopes appear stable. 10/18/06.</p> <p>- <b>Archers Lane:</b> Silt fence along the access road at the 1<sup>st</sup> wetland is intact and continues to filter overland flow. Grass growth was noted here. 10/13/06</p> <p>- Water bars remain</p>	<p>-Repair the vehicle tracks if feasible. 10/18/06.</p> <p>-Silt fence can be removed from all sections around the yard. 8/24-10/18/06.</p> <p>-Area is temporarily stabilized. It is unlikely that further vegetative cover will establish prior to winter. 10/18/06</p> <p>-Place haybales at the</p>	<p>-N/A</p> <p>-N/A.</p> <p>- Area is temporarily stable.</p> <p>-Needs attention if</p>

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Erosion and Sediment Controls continued	<p>across the access road to direct run-off to the woods. 10/18/06.</p> <p>-Haybales remain at the stonewall near Diamond Hill where run-off had been pooling. 10/18/06.</p> <p>- The silt fence, where the process stockpile was located, remains in good shape. 10/13/06</p>	<p>outlets to prevent sedimentation to the forested portion of the wetland. 10/4-10/18/06.</p> <p>- Continue to monitor and prevent future sedimentation. 10/18/06</p> <p>- Re-vegetate the area to the extent practicable. It is still being used for parking 8/9-10/18/06</p>	<p>feasible</p> <p>- N/A (The drive will be paved)</p> <p>-N/A until access is complete</p>
	<p>- <b>Norwalk Junction:</b> Perimeter silt fence remains in good shape along the river. 5/17-10/18/06.</p> <p>The adjacent, non-project related, berm is degrading and presents a potential source of sedimentation. 10/18/06.</p> <p>-Turbid water was present in the wetland area located at the swale outlet but additional sediment had not accumulated. 10/18/06.</p> <p>- The front portion of the site has been loamed and graded but still needs mulch for temporary stabilization. 10/18/06</p> <p>-Areas adjacent to the pervious pavers and along the swale were loamed. 10/18/06</p> <p>A washout was already noted in the new topsoil on the swale slope. 10/18/06</p>	<p>- None at this time. Continue to monitor controls. 5/17-10/18/06.</p> <p>- If feasible, work with adjacent landowner to determine final stabilization of the area. 9/29-10/18/06</p> <p>- Continue to monitor until surrounding areas are stabilized. 10/13-10/18/06.</p> <p>- Continue to improve water quality to the swale by stabilizing areas wherever feasible. 6/1-10/18/06 Place mulch on all soil surfaces for temporary stabilization.</p> <p>Vegetative cover will likely not establish prior to the winter. Place straw mulch or hydroseed on all disturbed surfaces 10/18/06</p> <p>-Repair and stabilize as soon as feasible. 10/18/06</p>	<p>-N/A</p> <p>-Needs evaluation if feasible (not project jurisdictional).</p> <p>- N/A.</p> <p>- Restoration is underway but still needs attention</p> <p>-Needs attention when feasible</p> <p>- Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Inland Wetland and Watercourse encroachment and mitigation	<p>- <b>Hoyts Hill:</b> The wetland remains well protected and well vegetated. 10/18/06.</p> <p>- <b>Archers Lane:</b> Grass growth was noted in restored wetland areas. 10/13/06.</p> <p>- <b>Norwalk Junction:</b> Turbid water was noted in the wetland at the outlet of the drainage swale 10/18/06.</p>	<p>-Silt fence can be removed from all areas. 10/18/06.</p> <p>- Area is temporarily stabilized and further cover is not expected before the winter. 10/18/06.</p> <p>- Continue to reduce turbidity by controlling the source- disturbed surfaces on site. 10/13-10/18/06.</p>	<p>- Erosion controls can be removed.</p> <p>-N/A</p> <p>-N/A</p>
Vegetative clearing limits or stabilization	<p><b>Hoyts Hill:</b> All slopes and adjacent areas are well restored with good vegetative cover. 10/18/06</p> <p>- <b>Norwalk Junction:</b> -Topsoil was spread and graded in the yard near Rt 7 and adjacent to the pervious pavers.10/18/06.</p>	<p>- Remove silt fence. 10/18/06</p> <p>- Temporarily stabilize the perimeter soil surfaces as soon as feasible. 10/13-10/18/06.</p>	<p>- N/A</p> <p>-Surfaces were loamed- needs stabilization.</p>
Dewatering <b>Norwalk Junction</b>	-Areas adjacent to the swale were loamed but it still needs some attention. 10/18/06	-Stabilize the surrounding areas as son as feasible. 8/16-10/18/06.	-Restoration continues- stabilization needed.
Blasting	- All blasting is complete. 10/18/06	- None at this time.	-N/A
Soils	- Perimeter surfaces at the Norwalk Junction yard have been loamed. 10/18/06.	-Stabilization needed. 10/18/06.	-N/A
Spills and Material Storage	- No obvious drips or spills were noted at the inspection. 10/18/06	<p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site</p> <p>- Take care to be vigilant when refueling.</p>	

Next likely scheduled inspection:

Wednesday October 25, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:** Diana Walden for Lee Curtis, Susan Infalt, BSC Group



Hoyts Hill Transition Station: Photo on the left shows the southern slope which is well restored with good grass cover. Photo on the right shows silt fence remaining along the wetland edge. This could be removed at any time. 10/18/06.



Archers Lane Transition Station: Photo on the left shows crews placing stone dust base on the access road in preparation for paving. 10/18/06.





**Norwalk Junction: Photo on the left shows the pervious pavers installed off the driveway. Adjacent areas were loamed. Photo on the right shows a washout that has occurred in the recently installed loam on the slope of the swale. 10/18/06.**



**Photo on the right shows where the disturbed area near Rt 7 has been graded and loamed. Mulch should be spread on the entire area in an effort to stabilize it temporarily before the winter. Photo on the right shows some turbid water in the wetland area, potentially due to run-off from the swale. However, sediment had not accumulated. 10/18/06.**